Index of Claims

| Application/ | Control No. |
|--------------|-------------|
|--------------|-------------|

10/648,742

Applicant(s)/Patent under Reexamination

SEUNTJENS, JEFFREY

MICHAEL Art Unit

Examiner

C. J. Arbes

3729

| √ | Rejected |
|---|----------|
| - | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| | |

Restricted

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | _ | | | , | | _ | | | | | | | _ | | | |
|----------------|----------|--|----------|----------|--|--|----------|--|--|-----|-----|-------|----------|--------------|----------|---------------|--|--|--|
| | aim | Г | | | _ | Date | | |) · | Cla | | | | | | | | | |
| _ <u> </u> | 1111 | | | | | | | | | | | · • | 1 | | | | | | |
| Final | Original | 3/1/07 | | | | | | | | | | Final | Original | | | | | | |
| 1 | 1 | Ξ | П | П | П | Г | Γ | | | | 1 | | 51 | | Г | Г | П | | |
| 2 | 2 | π | | T | \vdash | Г | | | | | 1 | | 52 | | | Г | Τ | | |
| 3 | 3 | 1 | T | | T | | | | Т | 1 | 1 | | 53 | | _ | | Т | | |
| 4 | 4 | 1 | | 1 | T | | Т | _ | | ┢ | i | | 54 | \vdash | | Т | ऻ | | |
| 5 | 5 | | | | T | | _ | | | | ĺ | | 55 | | | _ | Т | | |
| 6 | 6 | | | | t | | T | _ | ┢ | T | 1 | | 56 | ┢ | \vdash | ┢ | | | |
| 7 | 7 | - | | \vdash | t | \vdash | 一 | | m | ⇈ | 1 | | 57 | | <u> </u> | - | T | | |
| 8 | 8 | H | ┢ | ┢ | 1 | | <u> </u> | \vdash | \vdash | 1 | | | 58 | | Т | \vdash | T | | |
| 9 | 9 | H | | †- | \vdash | \vdash | \vdash | \vdash | \vdash | _ | 1 | | 59 | | \vdash | \vdash | t | | |
| 10 | 10 | = | \vdash | \vdash | \vdash | | - | i | H | T | i | _ | 60 | | | | 1 | | |
| - ` | 11 | - | Η. | | T | Н | T | | - | H | ١. | | 61 | | | Т | ✝ | | |
| - | 12 | \vdash | \vdash | Н | Н | Н | ┢ | _ | ╅ | T | 1 | | 62 | | \vdash | - | <u> </u> | | |
| | 13 | | \vdash | H | H | ╁ | - | _ | | T | ĺ | | 63 | | _ | 一 | | | |
| | 14 | | \vdash | \vdash | \vdash | \vdash | · | Н | | ┢ | | | 64 | | | | T | | |
| | 15 | | \vdash | ┪ | ┢ | \vdash | _ | | | | | | 65 | | Ι | Г | ⇈ | | |
| | 16 | | | Н | | | \vdash | - | | | i : | | 66 | | | Г | T | | |
| | 17 | | | ╁ | ┢ | | - | H | | T | 1 | | 67 | | | _ | | | |
| | 18 | М | \vdash | \vdash | H | _ | ┢ | ┢═ | ┢ | T | 1 | | 68 | | | \vdash | ┢ | | |
| | 19 | \vdash | | | - | | | | | | | | 69 | | | | \vdash | | |
| | 20 | | - | - | | \vdash | ┢ | \vdash | \vdash | | | | 70 | | | $\overline{}$ | ├─ | | |
| | 21 | | ┰ | - | T | \vdash | \vdash | \vdash | T | Т | | | 71 | | | | _ | | |
| | 22 | | | <u> </u> | | | _ | _ | ┢ | | | | 72 | | | | ┢ | | |
| | 23 | | Г | | T | | | _ | ┰ | | | | 73 | | | | ⇈ | | |
| | 24 | | | ┪ | 1 | | | | | | | | 74 | | | | ✝ | | |
| | 25 | | | | | | | | | | | | 75 | | | Г | Г | | |
| | 26 | | _ | | _ | | Г | | | Г | | | 76 | | | | 厂 | | |
| | 27 | | | | | | | | Γ | | | | 77 | | | | Г | | |
| | 28 | | | | | | | | | | | | 78 | | | | 1 | | |
| | 29 | | | | Г | | П | | | | | | 79 | | | | | | |
| | 30 | П | | | | | | | | | | | 80 | | | | Τ | | |
| | 31 | | | | | | | | | | | | 81 | | | | П | | |
| <u> </u> | 32 | | | | | | | | | Г | | | 82 | | | Г | Г | | |
| | 33 | | | | | | | | | | | | 83 | | | Г | Г | | |
| | 34 | | | | | | | | | | | | 84 | | | | Г | | |
| | 35 | | | | | | | | | | | | 85 | | | | Г | | |
| | 36 | | _ | | | | | | | | | | 86 | | | | | | |
| | 37 | | | | | | | | | | | | 87 | | | | | | |
| | 38 | | | | П | | | | | | | | 88 | | | | | | |
| | 39 | | | | | | | | | | . | | 89 | | | | | | |
| | 40 | | | | • | | | | | Г | | | 90 | | | П | | | |
| | 41 | | | | | | | | | | | | 91 | | | | | | |
| | 42 | | | | | | | | | | | | 92 | | | | | | |
| | 43 | | | L | | | | | | | | | 93 | | | | | | |
| | 44 | | | | | | | | | | | | 94 | | | | | | |
| | 45 | | | | | | | | | | | | 95 | | | | | | |
| | 46 | | | | | | | | | | | | 96 | | | | | | |
| | 47 | | | | | | | | | | | | 97 | | | | | | |
| | 48 | | | | Ĺ | | | $oxedsymbol{oxed}$ | L_ | Ш | | | 98 | | \Box | | _ | | |
| | 49 | Ш | | _ | L., | Щ | Щ | _ | L | Ш | | | 99 | | | | <u> </u> | | |
| L | 50 | | ليا | | | | | | L | L. | | | 100 | | | | L | | |

| EE ED EE EE< | <u> </u> | D-4- | | | | | | | 1 | Claim | | | | | | | | | | | | | |
|--|--|----------|----------|---|--|----------|---|--|--|-------|--------------|-----|----------|----------|------------|-----------|----------|----------|--------|----------|----------------|----------|----------|
| 51 101 102 103 103 103 104 105 105 106 105 105 106 105 106 107 107 107 107 107 107 107 107 | Cla | im | Date | | | | | | | | 1 | Cli | aim | Date | | | | | | | | | |
| 102 | Final | Original | | | | | | | | | | | Final | Original | | | | | | | | | |
| 102 | | 51 | | - | | \vdash | H | - | \vdash | | Н | 1 | \vdash | 101 | \vdash † | 7 | 7 | _ | _ | \vdash | | Т | П |
| 103 | | | | Т | | \vdash | Т | | \vdash | | | 1 | | | | 7 | _ | 7 | | | | | П |
| 104 | | | | _ | <u> </u> | | | | | | Г | 1 | | 103 | | 寸 | ┪ | ヿ | _ | _ | | | |
| 106 | | | | | Г | Γ | П | | | | 1 | 1 | | 104 | \Box | T | ╛ | ヿ | | | | | |
| 57 107 58 108 59 108 60 110 61 111 62 112 63 113 64 115 66 115 66 117 68 117 68 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 99 140 91 142 92 140 93 140 94 144 95 145 96 146 | | | | | | | | | | | I |] | | 105 | | \exists | | | | | | | |
| 58 108 59 109 60 110 61 111 62 113 63 113 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 128 79 128 79 128 83 130 84 131 85 135 86 133 87 137 88 133 89 139 90 140 91 141 92 144 | | | | | | | | | | | |] | | | | | | | | | | | |
| 109 | | | | | | | | | | | |] | | | | \Box | | | | | | | |
| 60 61 61 61 62 63 63 64 64 64 64 65 65 66 66 66 67 66 68 69 69 69 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 78 79 79 79 79 79 79 79 79 79 79 79 79 79 | | | | | | | | | | | |] | | | | | Ц | | | | | | |
| 61 | | | | | L | L_ | $ldsymbol{ld}}}}}}$ | | $ldsymbol{ld}}}}}}$ | | 匚 | Į | | | | _ | _ | _ | | | | | |
| 62 | | | | | | | _ | L. | | | | 1 | Щ | | _ | _ | _ | _ | | | | | |
| 63 | | | Ш | | | L. | _ | _ | | | _ | İ | | | | 4 | 4 | _ | | | | | |
| 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 122 74 124 75 125 76 126 77 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | | | Ш | | ļ | ļ | $ldsymbol{ldsymbol{eta}}$ | _ | Щ | | _ | Į. | | | - | 4 | \dashv | _ | | | | | Ш |
| 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 | | | | _ | | | L | _ | Н | | <u> </u> | | | | - | \dashv | - | \dashv | | | | | |
| 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 142 142 93 144 94 144 95 146 97 147 98 148 | | | | | _ | <u> </u> | | <u> </u> | | | ┡ | ļ | \vdash | | | \dashv | \dashv | \dashv | | | | Ш | Ш |
| 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 147 98 148 | | | | _ | \vdash | _ | L | <u> </u> | _ | | _ | | \vdash | | \dashv | \dashv | -+ | -1 | | | _ | | \vdash |
| 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 139 90 140 91 141 92 142 93 143 94 144 95 146 97 148 99 149 | | 66 | \vdash | _ | - | - | | - | | | - | | | | - | | - | - | | | | - | \vdash |
| 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 133 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 148 99 149 | | | Н | | _ | H | <u> </u> | _ | _ | | | | | | \dashv | + | + | | _ | _ | _ | _ | \vdash |
| 70 120 71 121 72 121 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 139 90 140 91 141 92 142 93 143 94 144 95 146 97 148 99 149 | | | | | _ | \vdash | \vdash | \vdash | Н | | \vdash | 1 | | | - | + | + | \dashv | | | | _ | Н |
| 71 121 72 122 73 123 74 125 75 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 135 88 137 88 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 | - | | | | _ | | - | | | | - | 1 | | | | ┰ | + | \dashv | | | | | \vdash |
| 72 122 123 74 124 125 75 126 127 77 127 128 79 129 129 80 130 131 81 131 131 82 132 133 83 133 134 85 135 136 86 135 136 87 137 138 88 139 139 90 140 141 91 141 141 92 142 143 94 144 145 96 146 147 98 148 149 | | | | | _ | | - | | | | - | ľ | | | | - | \dashv | + | - | - | | | \vdash |
| 73 123 74 124 75 125 76 126 77 128 79 128 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 148 99 149 | | | \dashv | | Н | | \vdash | | Н | | <u> </u> | ł | | 122 | \dashv | + | \dashv | \dashv | | - | _ | | |
| 74 124 75 125 76 126 77 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 96 146 97 148 99 149 | | | \dashv | _ | Н | Н | \vdash | Н | H | | \vdash | ł | | 123 | | + | \dashv | _ | | | | | \vdash |
| 75 125 76 126 77 128 79 128 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 139 90 140 91 141 92 144 93 144 95 146 97 148 99 148 | | | - | | \vdash | _ | \vdash | Н | Н | | | 1 | | | | \dashv | + | 7 | | | _ | _ | |
| 76 126 77 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 139 90 140 91 141 92 142 93 144 94 144 95 146 97 148 99 148 98 148 | | | _ | | \vdash | | \vdash | _ | Н | | _ | l | | 125 | \dashv | 十 | -+ | ┪ | | | _ | | |
| 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 148 99 149 | | | | | _ | \vdash | _ | Т | Н | | \vdash | i | | | | 十 | Ť | 寸 | | | | | П |
| 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 139 90 140 91 141 92 142 93 144 94 144 95 145 96 146 97 148 99 149 | | | | | | | | ┍ | | _ | <u> </u> | i | | | | 寸 | T | | | | | | |
| 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 147 98 149 | | 78 | | | | | | | | | | ĺ | | 128 | | ┪ | \dashv | ヿ | _ | | | | |
| 81 131 82 133 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 147 98 149 | | 79 | | | | | | | | | | ĺ | | 129 | | T | 丁 | T | T. | | | | • |
| 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 148 99 149 | | | | | | | | | | | |] | | 130 | | | | | | | | | |
| 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 144 96 146 97 148 99 149 | | | | | | | | | | | |] | | | | \perp | | | | | | | |
| 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 148 99 149 | | | | | | | | | | | |] | | | | | | | | | | | |
| 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 149 | | | Ш | | | | | | | | _ | Į | | | \perp | 4 | _ | _ | | | | | |
| 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | | | Щ | | | | | | | | L_ | Į | | | \perp | 4 | 4 | 4 | | | | | |
| 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | | | | | | _ | | | Щ | | _ | ļ | | | | \perp | 4 | - | | | _ | | Ш |
| 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | <u>. </u> | | Ш | _ | Ш | Щ | _ | | Ш | | <u> </u> | ļ | | 136 | -+ | 4 | + | 4 | | | \blacksquare | | Н |
| 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | | | Н | _ | Н | Ш | L | | Ш | | <u> </u> | | | | | + | + | 4 | | | | | Н |
| 90 | | | - | | Н | | <u> </u> | | Н | | <u> </u> | · | | | | | + | - | - | _ | - | | \vdash |
| 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 99 149 | - | | \vdash | | Н | | \vdash | | | | <u> </u> | } | | | -+ | + | + | \dashv | _ | | | | Н |
| 92 | - | | \dashv | | Н | | | | | | ⊢ | | | | - | + | \dashv | \dashv | - | | | | \vdash |
| 93 | - | | | | | _ | _ | Ь. | | | - | | | | - | + | + | -+ | - | | - | - | \vdash |
| 94 | - | | \dashv | | | | _ | \vdash | - | _ | | | | | | \dashv | \dashv | \dashv | - | | - | \vdash | Н |
| 95 | _ | | \dashv | | Н | | \vdash | | \vdash | _ | \vdash | | | | + | + | \dashv | 7 | - | \dashv | | | \vdash |
| 96 | | | \dashv | | H | \vdash | Η. | ├─ | Н | | \vdash | | | | \dashv | + | ╅ | + | - | \vdash | \vdash | \vdash | \vdash |
| 97 | | | \vdash | _ | H | \vdash | H | \vdash | Н | | ┢ | | | | 十 | + | + | \dashv | | \dashv | - | \dashv | Н |
| 98 148 149 149 149 149 149 149 149 149 149 149 | | | \dashv | - | Н | \vdash | H | \vdash | Н | _ | \vdash | | | | _ | \dashv | + | \dashv | | \dashv | $\overline{}$ | \dashv | \vdash |
| 99 149 149 | | | | | Н | | | - | Н | _ | Н | 1 | | | \dashv | 7 | \top | \dashv | \neg | \vdash | | \vdash | \sqcap |
| | | | \dashv | | Н | | Н | | Н | | \vdash | j | | | \dashv | 7 | 7 | 7 | | | | | П |
| | | | \neg | | | | | | П | | | [. | | | 寸 | 丁 | ┪ | | | | | | П |
| | | | | | | | | | | | | | | | | | | | | | | | _ |